



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China




VS-CAT6-4X2X26 AWG/7/100

Order No.: 1658891

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1658891>

CAT6-S/FTP cable, 4 x 2 x 26 AWG, stranded, (7-wire) shielded, outer sheath: Halogen-free PUR, outside diameter 6.7 mm, RAL 5021 (water blue), cable ring 100 m

Commercial data	
GTIN (EAN)	 4 046356 166140
Note	Made-to-order
sales group	D515
Pack	1 pcs.
Customs tariff	85444290
Catalog page information	Page 177 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
10/25/2006



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
Mechanical characteristics	
Number of positions	8
Shielded	Yes
Cable diameter	6.70 mm
Cable structure	4x2xAWG26/7; S-FTP

Smallest bending radius, fixed installation	min. 33.5 mm
Smallest bending radius, movable installation	min. 33.5 mm
Length of cable	100 m
Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation) 0 °C ... 50 °C (cable, flexible installation)

Material data

Outer sheath, material	PUR
External sheath, color	water blue RAL 5021

Electrical characteristics

Rated voltage (III/3)	125 V
Transmission characteristics (category)	CAT6

Line characteristics

Cable type	Ethernet
Cable structure	4x2xAWG26/7; S-FTP
Conductor cross section	0.14 mm ²
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	1 mm
External cable diameter	6.40 mm 6.4 mm
Wire colors	White-blue, white-orange, white-green, white-brown
External sheath, color	water blue RAL 5021
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 150 mΩ/m
Transmission characteristics (category)	CAT6 _A
Working capacitance	42 pF
Wave impedance	100 Ω ±5% (At 100 MHz)
Signal speed	0.72 c
Signal runtime	46 ns/m
Shield attenuation	60 dB (Up to 1000 MHz)
Interference suppression	90 dB (Up to 1000 MHz)
Nominal voltage, conductor	125 V
Test voltage, conductor	1000 V
Twisted pairs	2 cores to the pair

Type of pair shielding	Aluminum-lined polyester foil
Overall twist	2 cores with 2 fillers to the core
Shielding	Tinned copper braided shield
Optical shield covering	65 %
Outer sheath, material	PUR
Material conductor insulation	Cell PE
Conductor material	Bare Cu litz wires
Cable weight	44 kg/km
Smallest bending radius, fixed installation	min. 32 mm
Smallest bending radius, movable installation	min. 32 mm

Accessories

Item	Designation	Description
Tools		
1657407	VS-CABLE-STRIP-VARIO	Stripping tool, for the multi-level stripping of shielded cables

Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact
Technical modifications reserved;